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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
HOLT ET AL

Serial No. Not yet Assigned

This application is a Rule 53 Continuation of USSN: 09/138,491

Filing Date: August 24, 1998

For: HIGH CAPACITY BROADBAND

CELLULAR/PCS BASE STATION
USING A PHASED ARRAY ANTENNA

## PRELIMINARY AMENDMENT

Director, U.S. Patent and Trademark Office Washington, D.C. 20231

Sir:

Prior to the calculation of fees and examination of the present application, please enter the amendments and remarks set out below.

## In the Specifications:

Please replace the paragraph beginning at page 1, line 1, with the following rewritten paragraph:

(h)

This application is a continuation of pending Application Serial No. 09/138,491 filed on 24 August 1998. The present invention relates in general to wireless communication systems, such as but not limited to cellular communication systems, and is particularly directed to a scheme for increasing the capacity of broadband base station without a significant increase in hardware, by combining a set of wideband digital